

RAW SEQUENCE LISTING

DATE: 08/29/2001

PATENT APPLICATION: US/09/280,270A

TIME: 15:48:07

Input Set : N:\Cr3\RULE60\09280270A.txt

Output Set: N:\CRF3\08292001\I280270A.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:
6 (i) APPLICANT: Macevich, Stephen C.
8 (ii) TITLE OF INVENTION: DNA Sequencing by Parallel
9 Oligonucleotide Extensions
11 (iii) NUMBER OF SEQUENCES: 13
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Dehlinger & Associates
15 (B) STREET: 350 Cambridge Avenue, Suite 250
16 (C) CITY: Palo Alto
17 (D) STATE: CA
18 (E) COUNTRY: USA
19 (F) ZIP: 94306
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
27 (vi) CURRENT APPLICATION DATA:
C--> 28 (A) APPLICATION NUMBER: US/09/280,270A
C--> 29 (B) FILING DATE: 29-Mar-1999
35 (C) CLASSIFICATION:
32 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: US 08/424,663
34 (B) FILING DATE: 17-APR-1995
37 (viii) ATTORNEY/AGENT INFORMATION:
38 (A) NAME: Powers, Vincent M.
39 (B) REGISTRATION NUMBER: 36,246
40 (C) REFERENCE/DOCKET NUMBER: 5525-0015/peolus
42 (ix) TELECOMMUNICATION INFORMATION:
43 (A) TELEPHONE: (650) 324-0880
44 (B) TELEFAX: (650) 324-0960
48 (2) INFORMATION FOR SEQ ID NO: 1:
50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH: 37 base pairs
52 (B) TYPE: nucleic acid
53 (C) STRANDEDNESS: single
54 (D) TOPOLOGY: linear
56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
58 CCTCTCCCTT CCCTCTCCTC CCTCTCCCCT CTCCTC
61 (2) INFORMATION FOR SEQ ID NO: 2:
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 21 base pairs
65 (B) TYPE: nucleic acid
66 (C) STRANDEDNESS: single
67 (D) TOPOLOGY: linear
69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

ENTERED

37

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71 GAGGAGAGGG AAGGAGAGGA G 21
74 (2) INFORMATION FOR SEQ ID NO: 3:
76     (i) SEQUENCE CHARACTERISTICS:
77         (A) LENGTH: 21 base pairs
78         (B) TYPE: nucleic acid
79         (C) STRANDEDNESS: single
80         (D) TOPOLOGY: linear
82     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
84 GGAGGAGAGG GAAGGAGAGG A 21
87 (2) INFORMATION FOR SEQ ID NO: 4:
89     (i) SEQUENCE CHARACTERISTICS:
90         (A) LENGTH: 21 base pairs
91         (B) TYPE: nucleic acid
92         (C) STRANDEDNESS: single
93         (D) TOPOLOGY: linear
95     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
97 GGGAGGAGAG GGAAGGAGAG G 21
100 (2) INFORMATION FOR SEQ ID NO: 5:
102     (i) SEQUENCE CHARACTERISTICS:
103         (A) LENGTH: 21 base pairs
104         (B) TYPE: nucleic acid
105         (C) STRANDEDNESS: single
106         (D) TOPOLOGY: linear
108     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
110 AGGGAGGAGA GGGAAGGAGA G 21
113 (2) INFORMATION FOR SEQ ID NO: 6:
115     (i) SEQUENCE CHARACTERISTICS:
116         (A) LENGTH: 18 base pairs
117         (B) TYPE: nucleic acid
118         (C) STRANDEDNESS: single
119         (D) TOPOLOGY: linear
121     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
123 GAGGGAGAGG GGAGAGGG 18
126 (2) INFORMATION FOR SEQ ID NO: 7:
128     (i) SEQUENCE CHARACTERISTICS:
129         (A) LENGTH: 18 base pairs
130         (B) TYPE: nucleic acid
131         (C) STRANDEDNESS: single
132         (D) TOPOLOGY: linear
134     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
136 ACCGTCTCCG GGAGCTGC 18
139 (2) INFORMATION FOR SEQ ID NO: 8:
141     (i) SEQUENCE CHARACTERISTICS:
142         (A) LENGTH: 21 base pairs
143         (B) TYPE: nucleic acid
144         (C) STRANDEDNESS: single
145         (D) TOPOLOGY: linear
147     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
149 CCTCTCCCTT CCCTCTCCTC C 21

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152 (2) INFORMATION FOR SEQ ID NO: 9:
154     (i) SEQUENCE CHARACTERISTICS:
155         (A) LENGTH: 45 base pairs
156         (B) TYPE: nucleic acid
157         (C) STRANDEDNESS: single
158         (D) TOPOLOGY: linear
160     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
162 CCGGGAGGGA GAGGGGAGAG GGAGGAGAGG GAAGGGAGAG GAGCT      45
165 (2) INFORMATION FOR SEQ ID NO: 10:
167     (i) SEQUENCE CHARACTERISTICS:
168         (A) LENGTH: 18 base pairs
169         (B) TYPE: nucleic acid
170         (C) STRANDEDNESS: single
171         (D) TOPOLOGY: linear
174     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
176 CCCTCTCCCC TCTCCCTC      18
179 (2) INFORMATION FOR SEQ ID NO: 11:
181     (i) SEQUENCE CHARACTERISTICS:
182         (A) LENGTH: 18 base pairs
183         (B) TYPE: nucleic acid
184         (C) STRANDEDNESS: single
185         (D) TOPOLOGY: linear
187     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
189 GCAGCTCCCG GAGACGGT      18
192 (2) INFORMATION FOR SEQ ID NO: 12:
194     (i) SEQUENCE CHARACTERISTICS:
195         (A) LENGTH: 48 base pairs
196         (B) TYPE: nucleic acid
197         (C) STRANDEDNESS: single
198         (D) TOPOLOGY: linear
200     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
202 TGAATTCGAG CTCCTCTCCT TCCCTCTCCT CCCTCTCCCC TCTCCCTC      48
205 (2) INFORMATION FOR SEQ ID NO: 13:
207     (i) SEQUENCE CHARACTERISTICS:
208         (A) LENGTH: 7 base pairs
209         (B) TYPE: nucleic acid
210         (C) STRANDEDNESS: single
211         (D) TOPOLOGY: linear
213     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
215 GCAGCTC      7

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VERIFICATION SUMMARY

DATE: 08/29/2001

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Input Set : N:\Crf3\RULE60\09280270A.txt

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L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]